

MUSICA2 Software
Included

CR30-SP + for Veterinary

Quantum/Agfa Veterinary Practice Package

~ Configured to Meet Veterinary Practice Needs



Quantum/Agfa CR30-SP Veterinary Practice Package

CR 30.0 CR Reader

- Single Cassette Feed
- Throughput: Up to 70 Plates per hour (depending upon size and application)

CR NX Software - Includes Advanced Functions

CR NX Workstation

- DELL OPTIPLEX GX620 PC Workstation, INTEL Pentium 4, 3.4 GHZ, 2 GB DDR2 RAM, 1 x 80 GB SATA Hard Discs, CR R/W Drive, Keyboard, Mouse, Windows XP PRO SP2 OS
- Barco 19" Flat Panel Touchscreen LCD w/ELO resistive touch and serial controller

CR ID Software

- ID Software records patient demographic and exam data in a study oriented format

DICOM Store/Send

- DICOM-Store Connection Software allows you to perform online transmission in the DICOM standard communication protocol format, with multiple types of output including the "P-Value" display function
- Output images can be transmitted via network or modem to PACS, remote stations or other modalities

DICOM Print

- Printer ready configuration can print to Agfa's Drystar dry printers and other DICOM enabled printers

Unique Veterinary Exam Menu (Study Tree) and Vet Specific Processing Algorithms

- Small Animal
- Large Animal
- Equine & Bovine
- Zoo & Exotics

CR NX Online Processing and MUSICA2 Software

- Musica2 Online Processing Software Including:
 - Automatic Image Processing
 - Automatic Window/Level Setting
 - Basic QC-Viewer for Basic Image Corrections
 - Musica2 Advanced Processing Control Panel
- Precision Tools
 - Advanced Tools and Annotations
 - Digital Imaging Measurement Tools

DICOM CD Export - DICOM CD Burning with Viewer

CR Cassettes: 35 x 43 cm Cassette-Plate Set with MD 40 Plates - Quantity of 2 each

CR Cassettes: 24 x 30 cm Cassette-Plate Set with MD 40 Plates - Quantity of 2 each

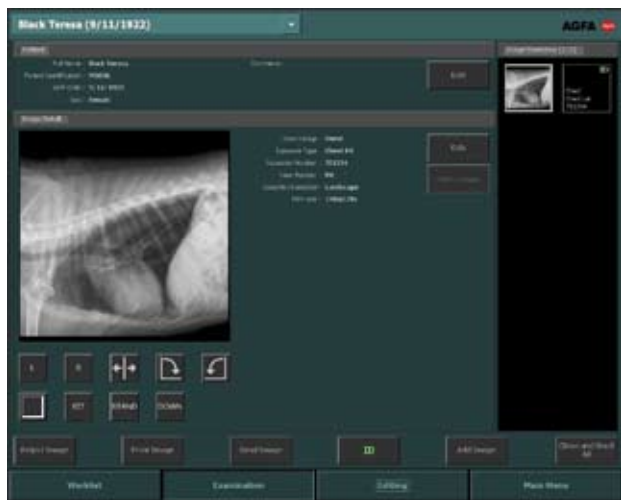
- "NX" HAS A SIMPLE, INTUITIVE USER INTERFACE Easy to Learn and Use, Simplified Patient Workflow, Outstanding Image Quality
- "NX" WAS DESIGNED BY & FOR THE END USER
- "NX" HAS ADVANCED CAPABILITY & NEW FEATURES Package include "Precision Tools, Advanced Measurements, Advanced Annotation, MUSICA2 Advanced Image Processing



Innovations in Digital Imaging

CR30-SP + for Veterinary

Quantum/Agfa Veterinary Practice Package



Greyscale Resolution

- Data acquisition: 16 bits/pixel
- Output to processor: 12 bits/pixel

Reader dimensions and weight

- (W x D x H) 27.2" x 27.6" x 18.2"
- Depth Including Tray: 30.3"
- Weight: Approximately 98 kg

Power

- 120V/60Hz (USA)
- Standby 120W, max 250W, 15A fuse

Environmental Conditions

- Temperature: 59 to 86 F
- Humidity: 15 to 75% RH

Environmental effect

- Noise level: max. 65dB (A)

Safety Specifications

- Approvals: UL, cUL, CE

Cassettes Included	Spatial Resolution	Pixel Matrix Size
2 ea - 35 x 43 cm	10 pixels/mm	3840 x 4248
2 ea - 24 x 30 cm	10 pixels/mm	2320 x 2930

The Most Frequent Tasks Are The Easiest To Do

NX's Worklist and Examination windows cover all of the radiographer's daily tasks. In the Worklist window, the radiographer can enter patient data or select it from an RIS-based worklist (optional), while in the Examination window, identify a cassette, define the examinations to perform and take the necessary steps to prepare an image for diagnosis. The examination window's Fast Preview allows correct positioning and exposure to be determined even while the final image is in the process of being completed.

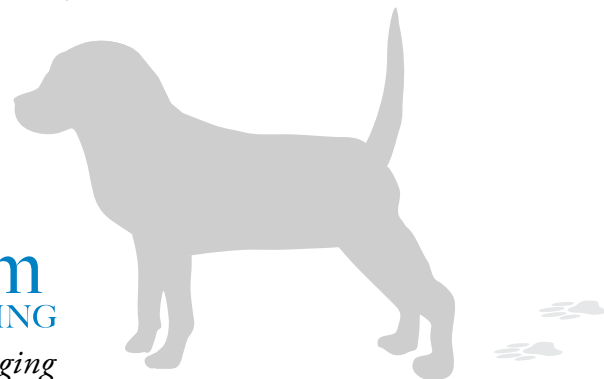
MUSICA Optimizes Image Quality and Workflow

Agfa HealthCare's unique and patented Multi-scale Image Contrast Amplification algorithm, "MUSICA", automatically processes the radiographic image at multiple frequency ranges (detail sizes) and optimizes the contrast within each of these ranges. MUSICA 2 GenRad is second generation MUSICA which intelligently renders exceptional bone and soft tissue detail simultaneously. MUSICA 2 analyzes the image data before applying optimal contrast and density to all details within the image. This results in maximum radiographic detail throughout the image, greatly reducing the need for manual activities such as window and level. The improved image quality, productivity and workflow result in a process that is more efficient from start to finish.

NX Precision Tools

NX Precision Tools allows the user fine tune the image and convey pertinent information.

- Annotation can be added to an image, such as: markers, predefined text, drawing lines or geometrical shapes, applying shutters to mask areas of the image, etc.
- The user can zoom in an image for a more detailed view or zoom directly to a specific Region of Interest
- NX Precision Tools measures distance and angles
- Histograms can be shown for image analysis
- Manual adjustment of Musica2 image processing parameters allow fine tuning for specific purposes



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